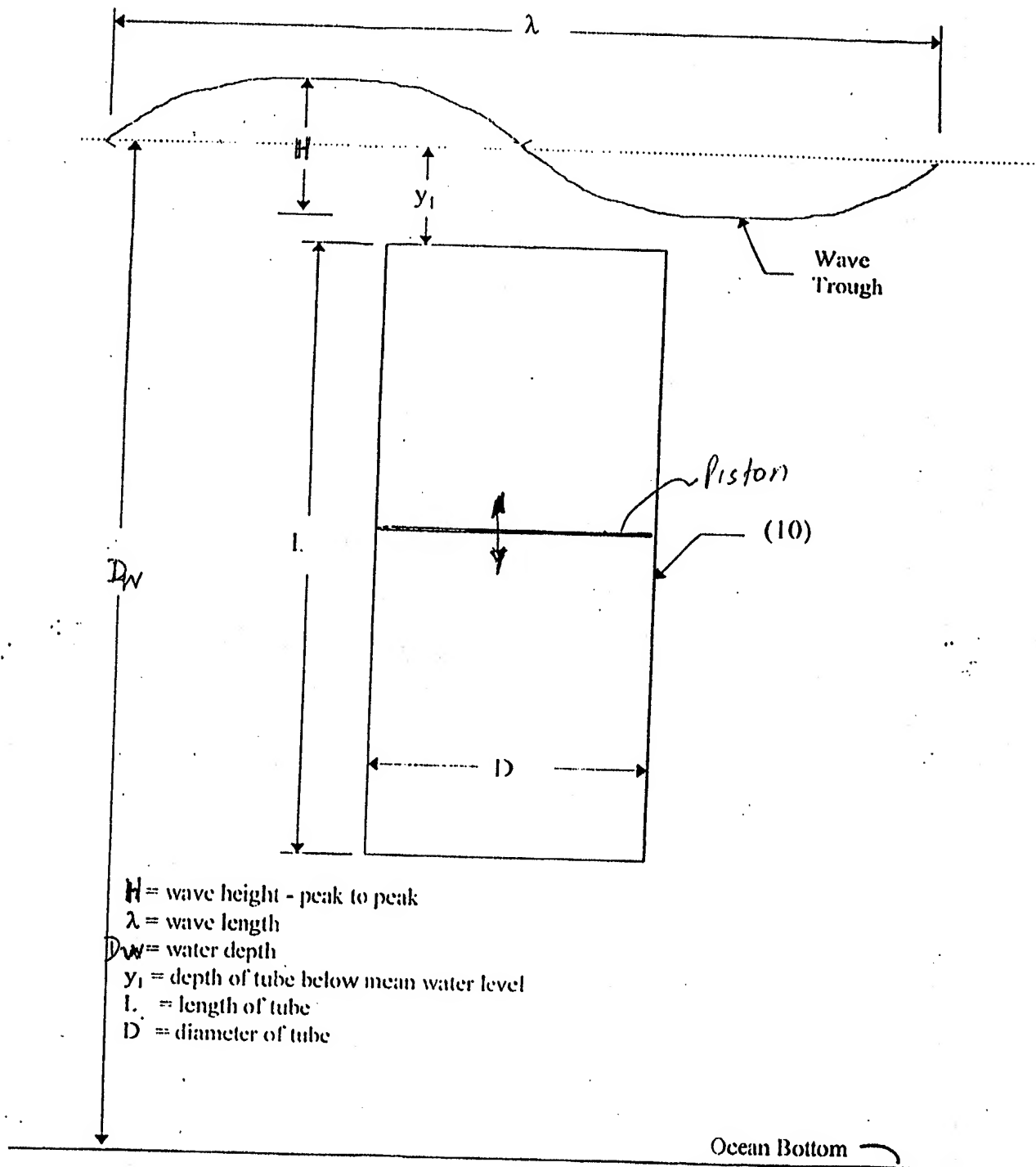


10647768-011502-20570-2924807



- H = wave height - peak to peak
- λ = wave length
- D_w = water depth
- y_1 = depth of tube below mean water level
- L = length of tube
- D = diameter of tube

Figure 1

10047768-011502

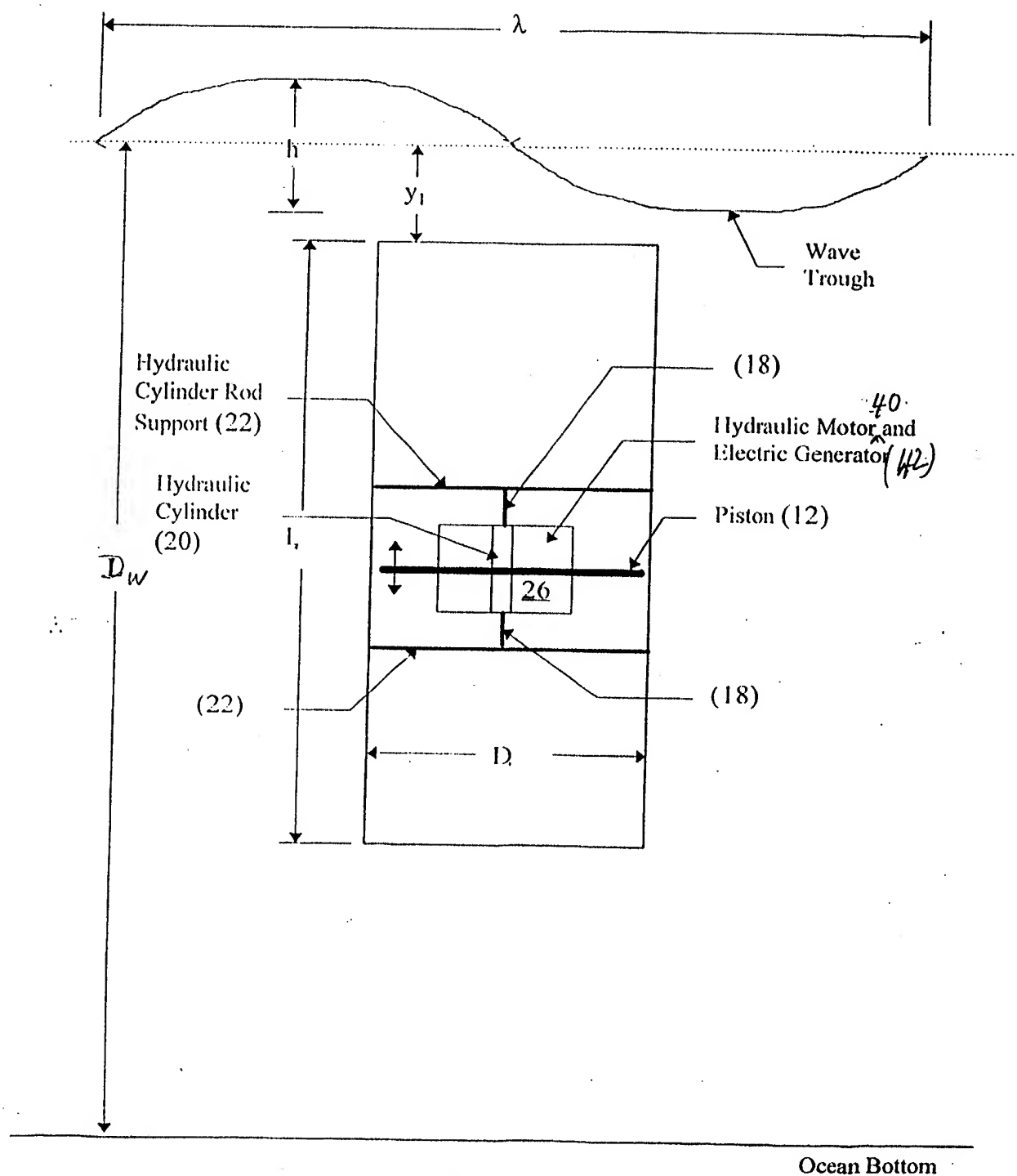


Figure 2A

Ocean Bottom

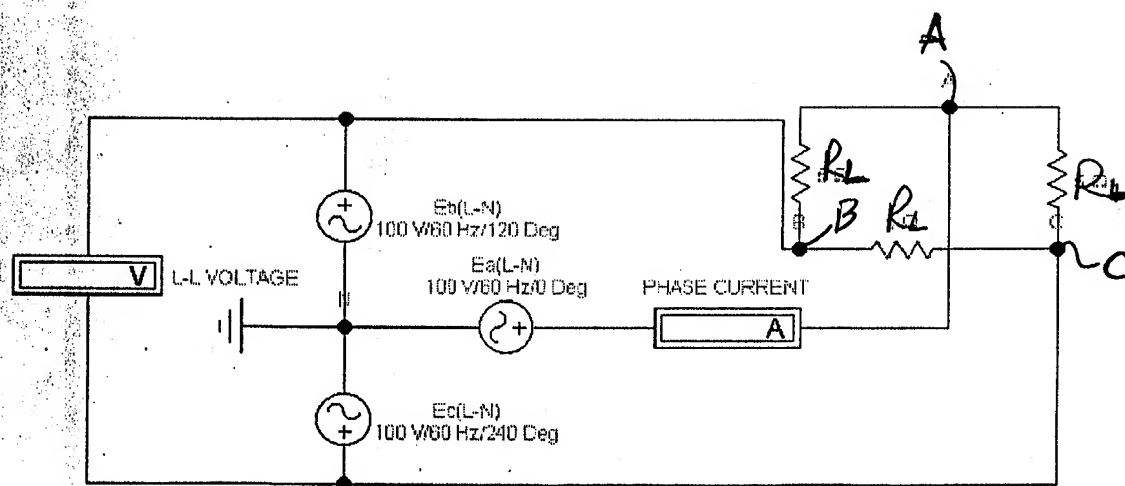


Figure 3 Three ϕ Generator, Δ Connected Load

10047768-01503

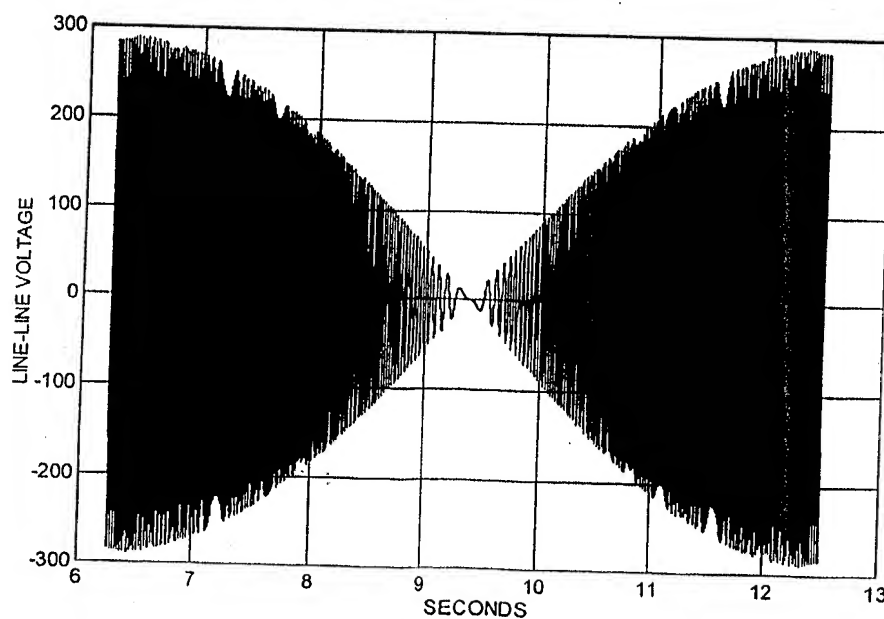
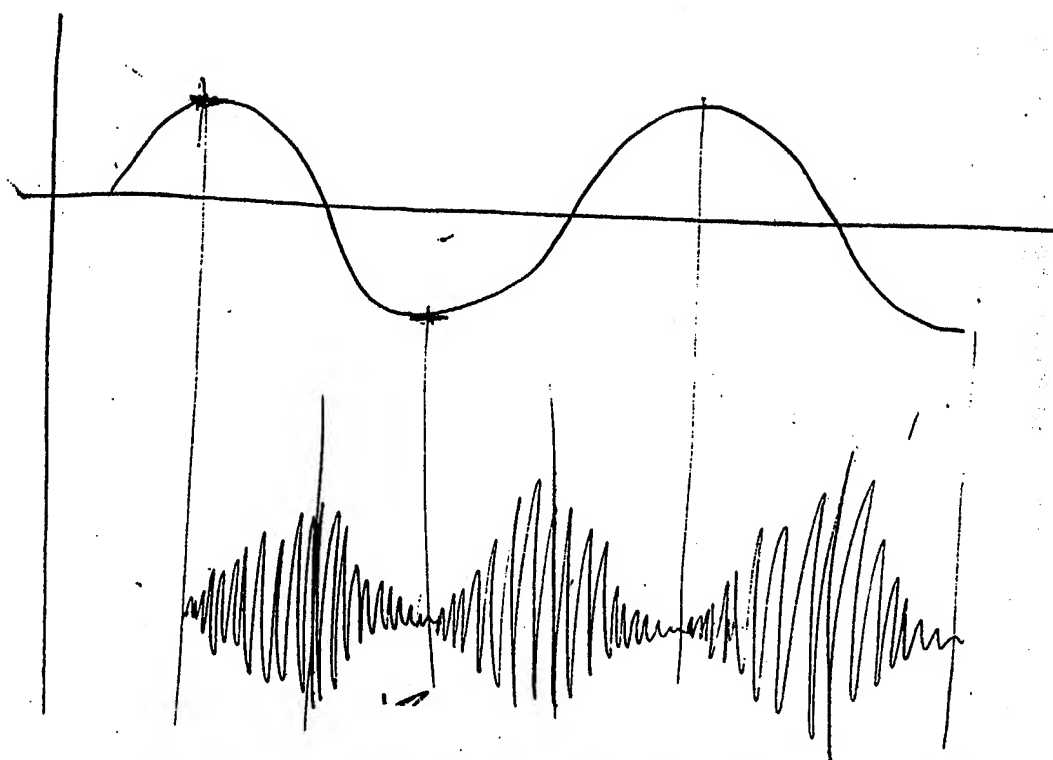


Figure 4 Modulated Generator Voltage

20570-832400T

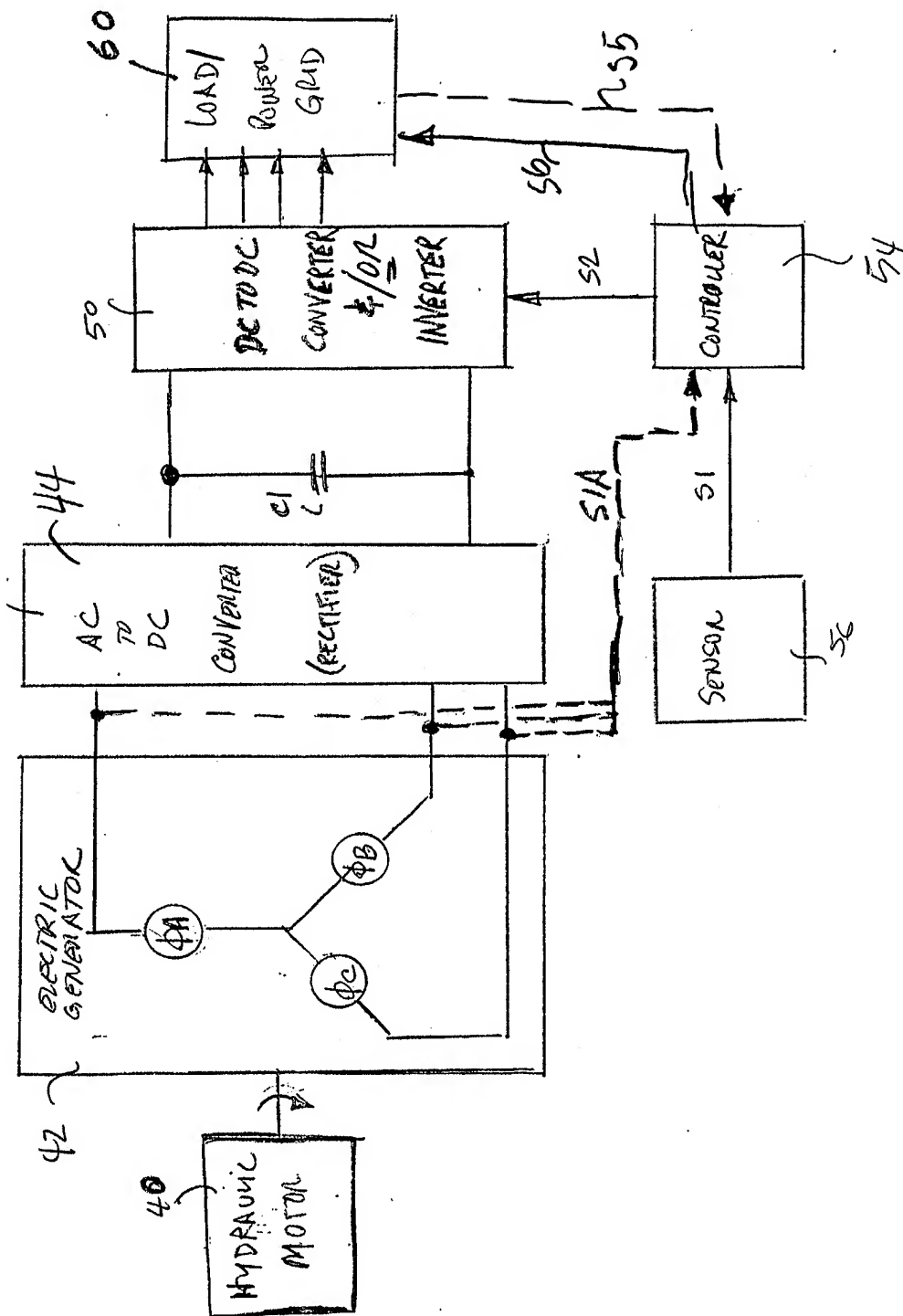


Fig 5

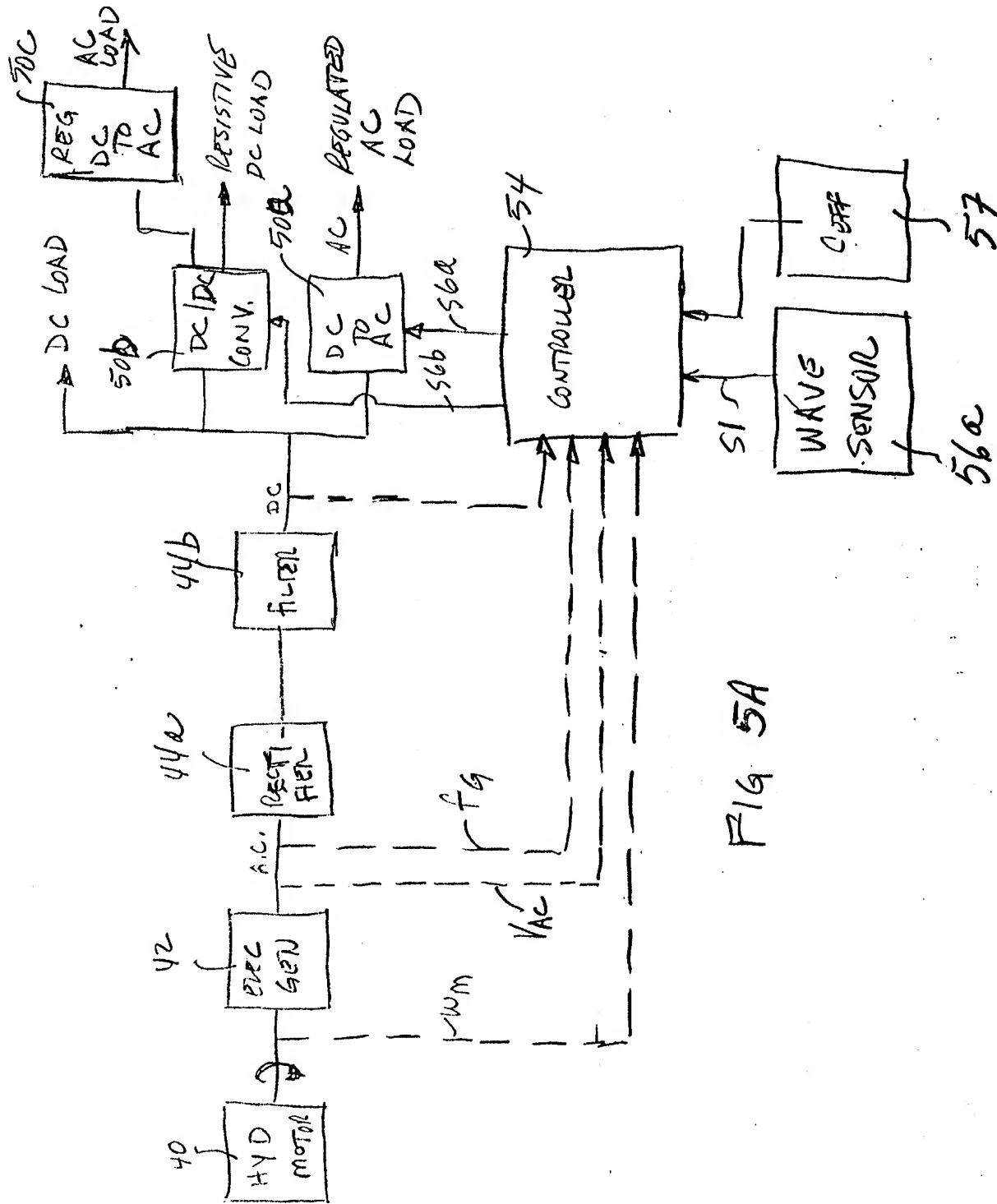


FIG 5A

1004768.01503

CSM1904A
3 Phase Output
n=neutral

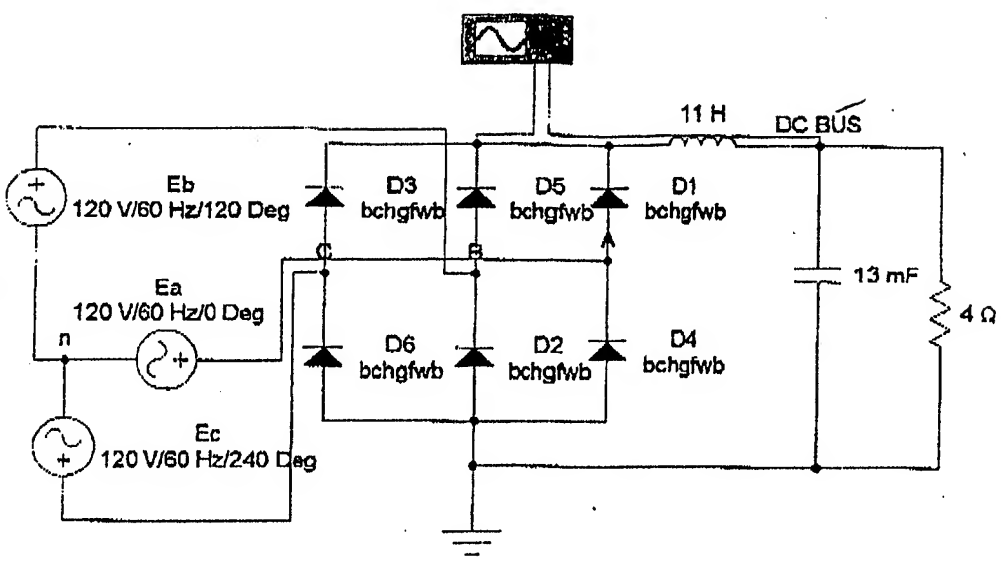


FIG. 6

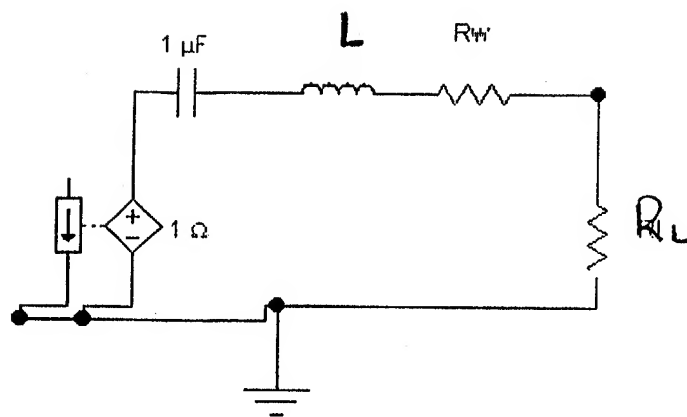


Figure 7. Generator Load Configuration

10047758.01500
202510 282400T

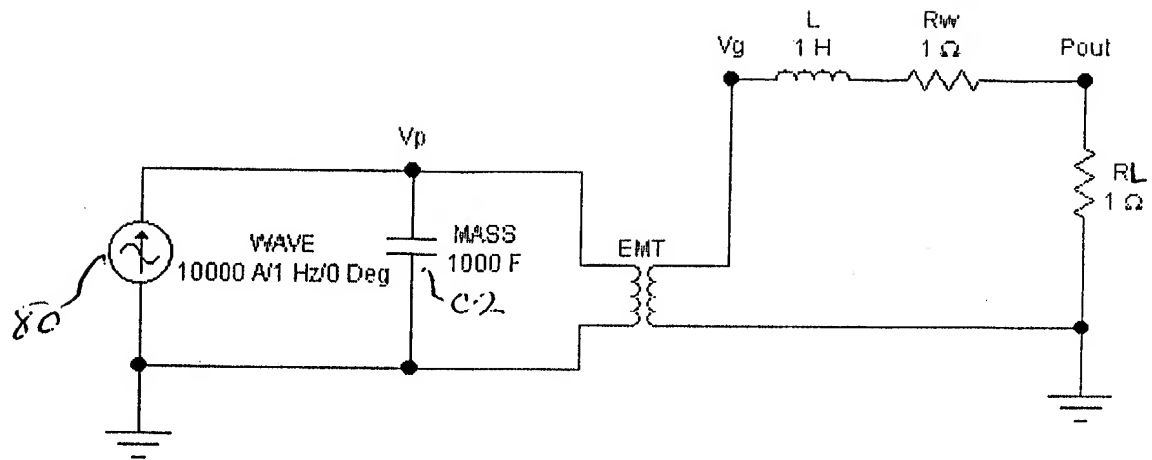


FIG 8 - ELECTRO-MECHANICAL
EQUIVALENT CIRCUIT

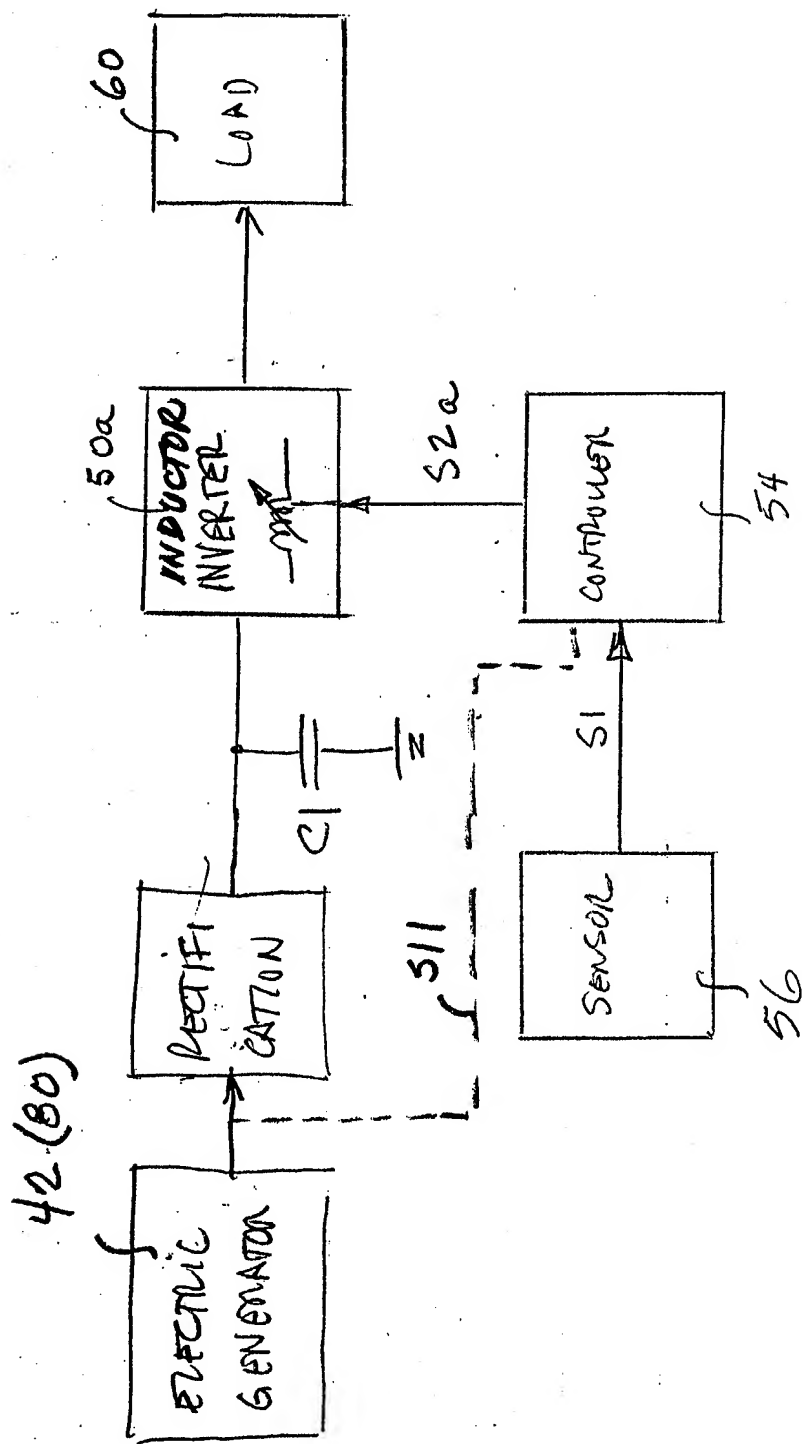


Fig 9

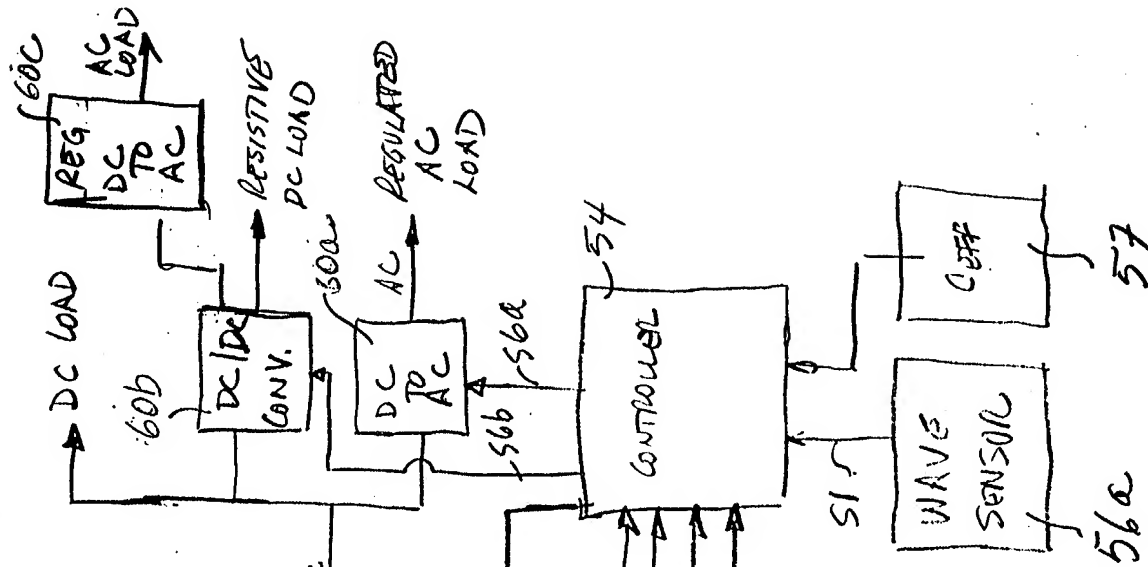


FIG 9A

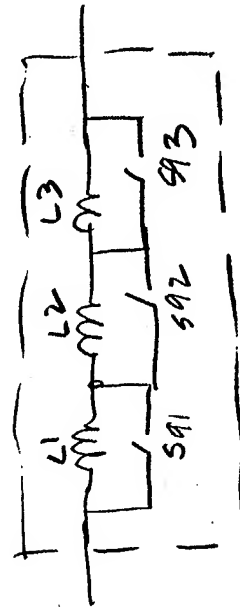


FIG 9B

205FTD" 89Z4DDT

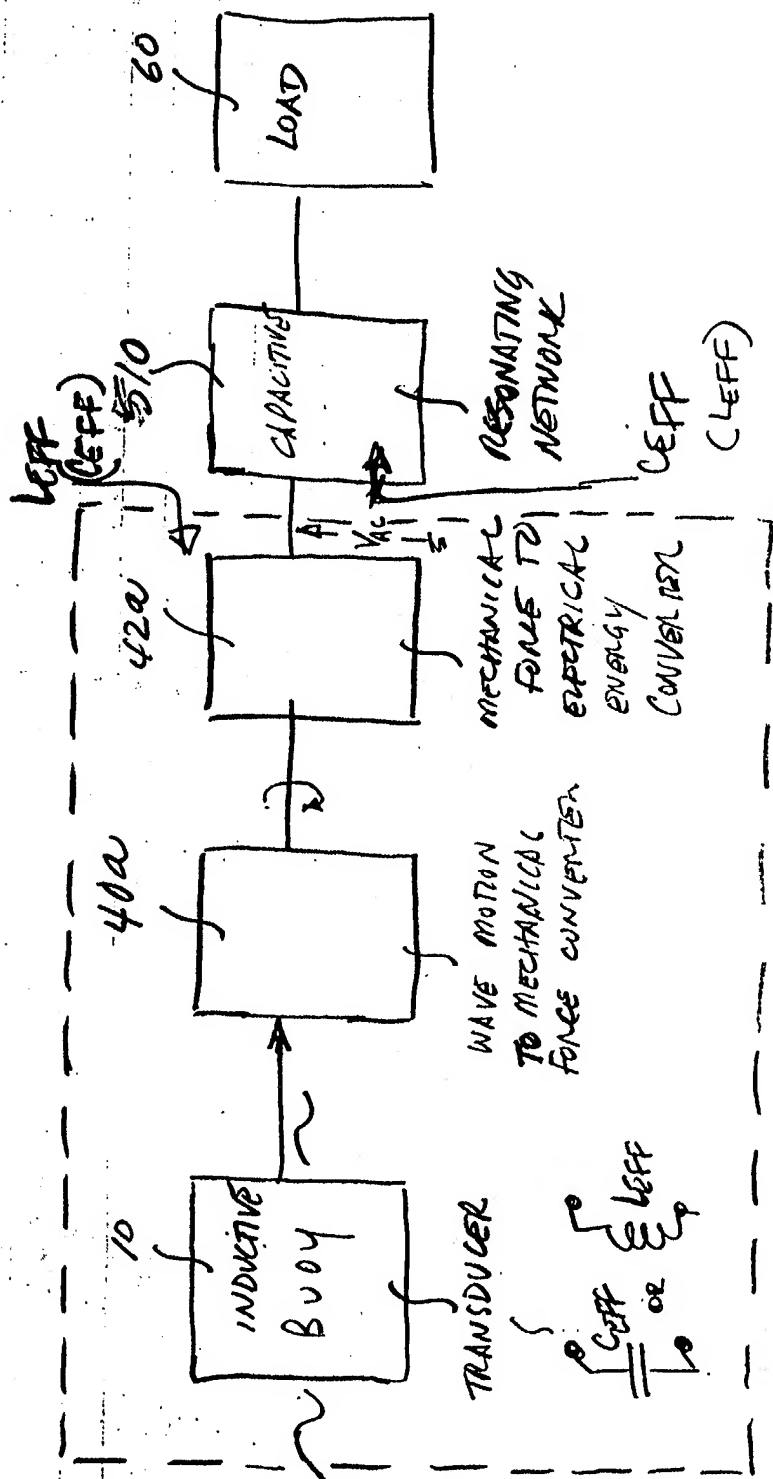
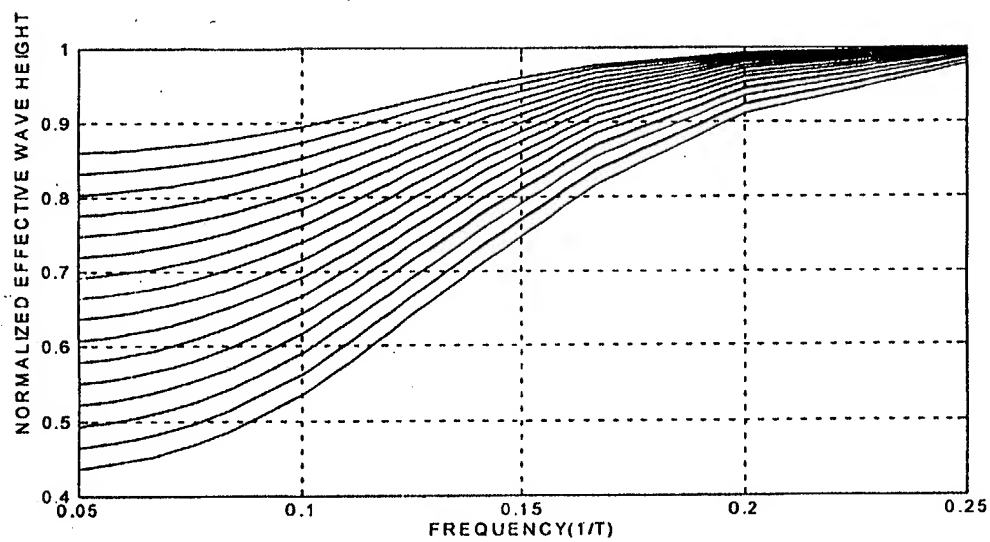


FIG 10

10047768-044503



Effective Wave Height vs. Frequency (Period)

Fig 11

205FT0" 33/400T

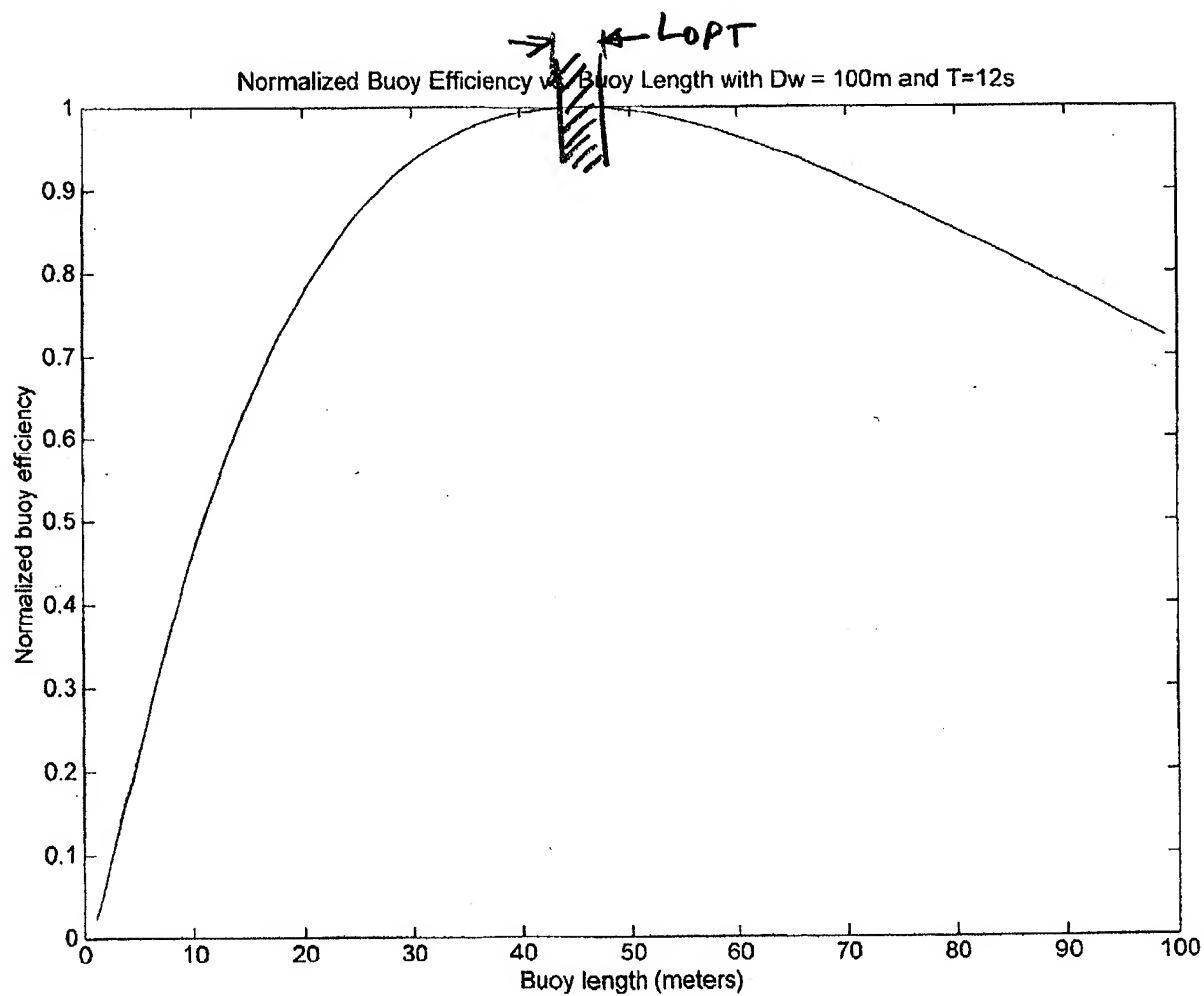


FIG 12

20510" 89/7400T

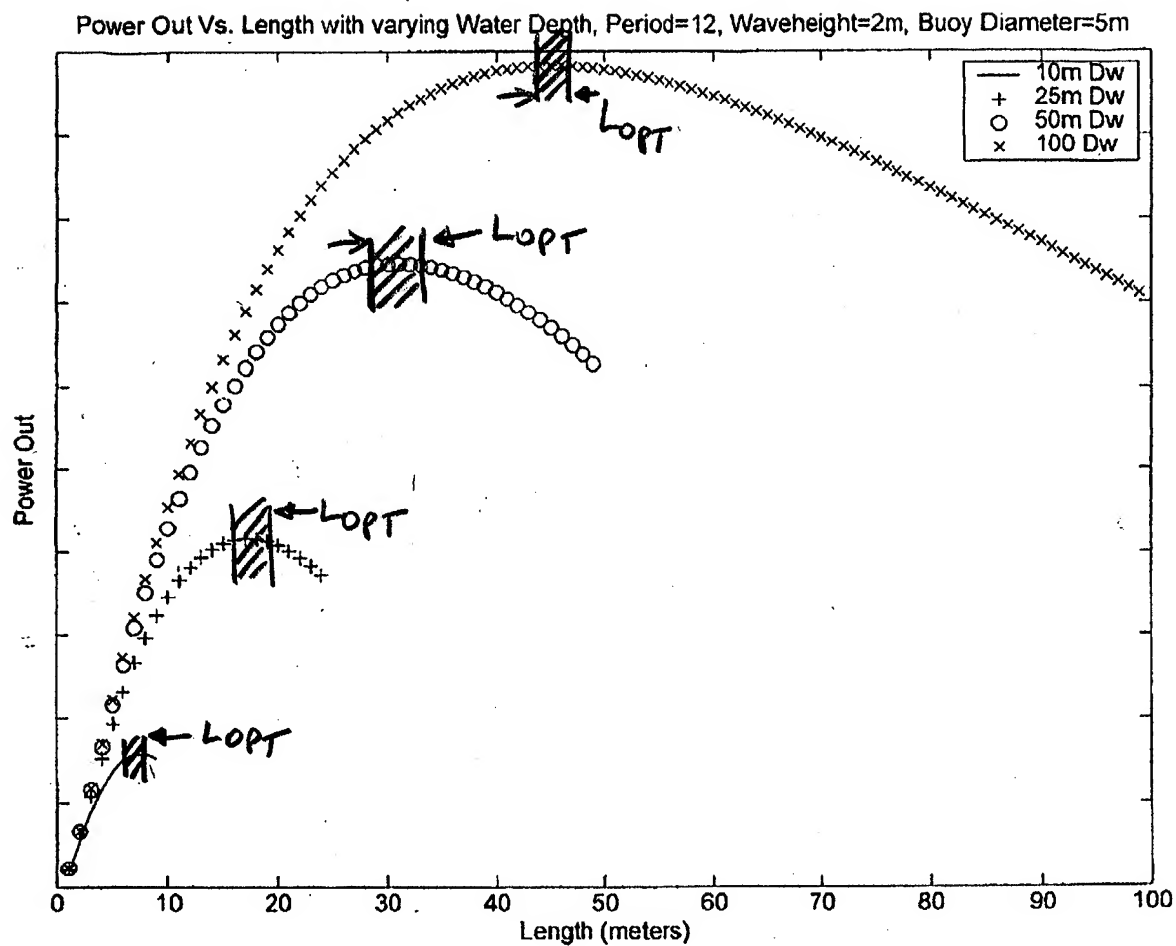


FIG. 13

10047763.011507

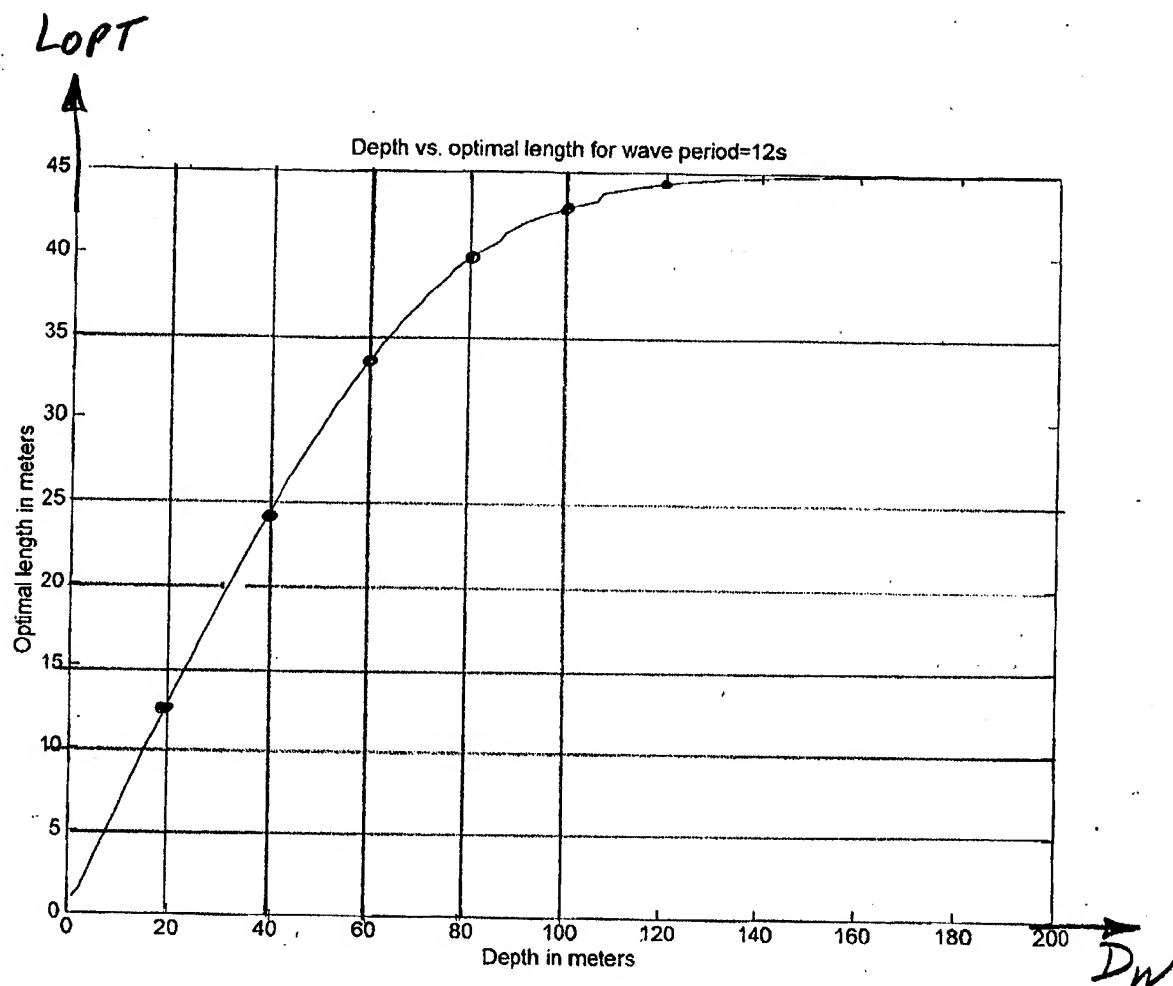


Fig 14

20510-294400T

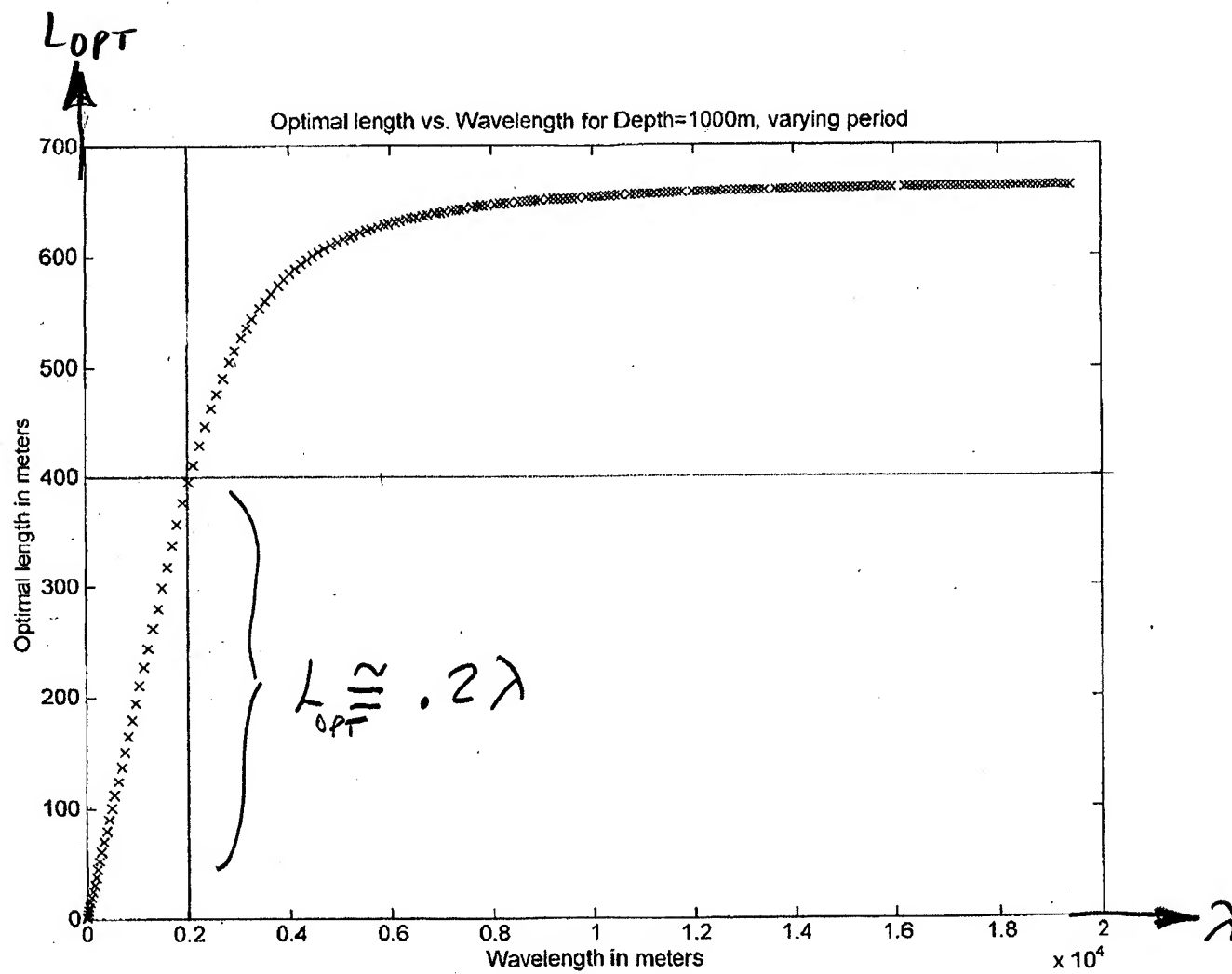


FIG 15